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## Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims

- 1. (Original) A method of aqueous emulsion polymerization of two or more fluoromonomers comprising the steps of:
  - 1) forming a pre-emulsion by mixing, a fluoromonomer according to formula I:

$$F_2C=CF-R^1-SO_2X$$
 (1)

wherein R<sup>1</sup> is a branched or unbranched perfluoroalkyl, perfluoroalkoxy or perfluoroether group comprising 1-15 carbon atoms and 0-4 oxygen atoms and wherein X is F, Cl or Br, together with 0.001-0.9 molar equivalents of a base, in the absence of added emulsifier; and

- 2) reacting said pre-emulsion with one or more comonomers in the absence of added emulsifier, said comonomers being perfluorinated, so as to form a fluoropolymer latex comprising a fluoropolymer wherein more than 1 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 2. (Original) The method according to claim 1 wherein said fluoropolymer dispersion comprises a fluoropolymer wherein more than 5 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 3. (Original) The method according to claim 1 wherein said fluoropolymer latex comprises a fluoropolymer wherein more than 10 mol% of monomer units are derived from the fluoromonomer according to formula 1.
- 4. (Original) The method according to claim 1 wherein said base is a hydroxide.

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- 5. (Original) The method according to claim 1 wherein R<sup>1</sup> is -O-R<sup>2</sup>- wherein R<sup>2</sup> is a branched or unbranched perfluoroalkyl or perfluoroether group comprising 1-15 carbon atoms and 0-4 oxygen atoms, and wherein X is F.
- 6. (Original) The method according to claim 1 wherein R<sup>1</sup> is -O-R<sup>3</sup>- wherein R<sup>3</sup> is a perfluoroalkyl group comprising 1-15 carbon atoms, and wherein X is F.
- 7. (Original) The method according to claim 1 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>- and X is F.
- 8. (Original) The method according to claim 2 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>- and X is F.
- 9. (Original) The method according to claim 3 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub> and X is F.
- 10. (Original) The method according to claim 1 wherein R<sup>1</sup> is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>-and X is F.
- 11. (Original) The method according to claim 2 wherein R<sup>1</sup> is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>-and X is F.
- 12. (Original) The method according to claim 3 wherein R<sup>1</sup> is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>-and X is F.
- 13. (Currently Amended) The method according to claim 1 wherein said preemulsion pre-emulsion additionally comprises one or more fluorinated vinyl ether comonomer.
- 14. (Original) The method according to claim 13 wherein said fluorinated vinyl ether comonomer is a monomer according to formula (III):

CF<sub>2</sub>=CFO(R<sub>f</sub>O)<sub>n</sub>(R'<sub>f</sub>O)<sub>m</sub>R"<sub>f</sub>

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where  $R_f$  and  $R_f$  are independently selected from the group consisting of linear and branched perfluoroalkylene groups of 2 – 6 carbon atoms, where m is 0-10, where n is 0-10, where the sum of n and m is at least 1, and where  $R_f$  is a perfluoroalkyl group of 1 – 6 carbon atoms.

- 15. (Original) The method according to claim 1 wherein said comonomers include non-perfluorinated comonomers.
- 16. (Original) A fluoropolymer latex made according to the method of claim 1, said fluoropolymer latex being free of added emulsifier.
- 17. (Original) The fluoropolymer latex according to claim 16 comprising a fluoropolymer wherein more than 5 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 18. (Original) The fluoropolymer latex according to claim 16 comprising a fluoropolymer wherein more than 10 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 19. (Original) The fluoropolymer latex according to claim 16 wherein  $\mathbb{R}^1$  is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>- and X is F.
- 20. (Original) The fluoropolymer latex according to claim 17 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>- and X is F.
- 21. (Original) The fluoropolymer latex according to claim 18 wherein  $R^1$  is -O-CF2CF2CF2CF2- and X is F.
- 22. (Original) The fluoropolymer latex according to claim 16 wherein  $R^1$  is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.

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- 23. (Original) The fluoropolymer latex according to claim 17 wherein  $R^1$  is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.
- 24. (Original) The fluoropolymer latex according to claim 18 wherein  $R^1$  is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.
- 25. (Original) A fluoropolymer derived from a fluoropolymer latex made according to the method of claim 1, said fluoropolymer being free of added emulsifier.
- 26. (Original) The fluoropolymer according to claim 25, wherein said fluoropolymer latex comprises a fluoropolymer wherein more than 5 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 27. (Original) The fluoropolymer according to claim 25, wherein said fluoropolymer latex comprises a fluoropolymer wherein more than 10 mol% of monomer units are derived from the fluoromonomer according to formula I.
- 28. (Original) The fluoropolymer according to claim 25 wherein  $\mathbb{R}^1$  is -O-CF2CF2CF2CF2 and X is F.
- 29. (Original) The fluoropolymer according to claim 26 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>-and X is F.
- 30. (Original) The fluoropolymer according to claim 27 wherein R<sup>1</sup> is -O-CF<sub>2</sub>CF<sub>2</sub>CF<sub>2</sub>-and X is F.

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- 31. (Original) The fluoropolymer according to claim 25 wherein R<sup>1</sup> is -O-CF<sub>2</sub>-CF<sub>(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.</sub>
- 32. (Original) The fluoropolymer according to claim 26 wherein R<sup>1</sup> is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.
- 33. (Original) The fluoropolymer according to claim 27 wherein  $R^1$  is -O-CF<sub>2</sub>-CF(CF<sub>3</sub>)-O-CF<sub>2</sub>-CF<sub>2</sub>- and X is F.
- 34. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 25 which has been hydrolyzed.
- 35. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 26 which has been hydrolyzed.
- 36. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 27 which has been hydrolyzed.
- 37. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 28 which has been hydrolyzed.
- 38. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 29 which has been hydrolyzed.
- 39. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 30 which has been hydrolyzed.
- 40. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 31 which has been hydrolyzed.

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41. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 32 which has been hydrolyzed.

42. (Original) A polymer electrolyte membrane comprising the fluoropolymer of claim 33 which has been hydrolyzed.